

PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	10/050,647
Filing Date	January 16, 2002
First Named Inventor	David M. Dean, et al.
Group Art Unit	2874
Examiner Name	UNKNOWN
Attorney Docket Number	AD6786 US NA1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
SP		US -	6,102,582	8-15-2000	Rolando Patricio Espindola, et al.	
		US -	5,559,909	9-24-1996	Duwayne R. Anderson, et al.	
		US -	6,137,608	10-24-2000	Ian A. White	
		US -	6,094,293	7-25-2000	Toshinori Yokoyama, et al.	
		US -	5,864,643	1-26-1999	Jing-Jong Pan	
		US -	6,002,819	12-14-1999	Kazuhito Saito, et al.	
		US -	4,946,236	8-7-1990	Mindaugas F. Dautartas, et al.	
		US -	5,560,970	10-1-1996	Dieter Ludebuhl	
		US -	6,106,089	8-22-2000	Xin Wen, et al.	
		US -	5,986,550	11-16-1999	Erich I. Rapaport, et al.	
		US -	6,141,465	10-31-2000	William K. Bischel, et al.	
		US -	4,161,500	7-17-1979	Henry M. Schleinitz, et al.	
		US -	3,154,600	10-27-1964	George E. Munn	
		US -	4,554,088	11-19-1985	Roy A. Whitehead, et al.	
		US -	4,628,037	12-9-1986	Mark S. Chagnon, et al.	
		US -	4,935,147	6-19-1990	Edwin F. Ullman, et al.	
		US -	4,941,969	7-17-1990	Klaus Schonert, et al.	
		US -	5,935,866	8-10-1999	Mark, S. Chagnon, et al.	
		US -	5,536,644	7-16-1996	Edwin F. Ullman, et al.	
		US -	5,279,936	1-18-1994	John Vorpahl	
		US -	6,133,043	10-17-2000	David B. Talley, et al.	
GP		US -	5,283,079	2-1-1994	Chao-Huei J. Wang, et al.	
		US -	5,798,083	8-25-1998	Richard J. Massey, et al.	
		US -	5,744,367	4-28-1998	David B. Talley, et al.	
		US -	6,013,531	1-11-2000	Chao-Huei J. Wang, et al.	
		US -	3,982,554	9-28-1976	Shinji Saito, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
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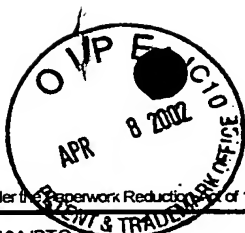
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Sheet	2	of	2	Attorney Docket Number	AD6786 US NA1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SI		ROBERT C. WEAST, Ph.D., Editor-in-Chief, CRC Handbook of Chemistry and Physics, 1985-1986, pages E-116 - E-121, 66th Edition, CRC Press, Inc., Boca Raton, Florida	<input type="checkbox"/>
SI		PADMAVATHY RAJAGOPALAN, ET AL., Synthesis and Near Infrared Properties of Rare Earth Ionomers, Journal of Polymer Science: Part B: Polymer Physics, (1996), pages 151-161, Vol. 34	<input type="checkbox"/>
SI		YOSHIYUKI OKAMOTO, Synthesis, Characterization, and Applications of Polymers Containing Lanthanide Metals, J. Macromol. Sci.-Chem., (1987), pages 455-477, A24(3&4)	<input type="checkbox"/>
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